

ITEM: 16

SUBJECT: Uncontested Waste Discharge Requirements

REPORT: Following are the proposed waste discharge requirements that prohibit discharge to surface waters. All agencies and the dischargers concur or have offered no comments. Items indicated as updates on the summary agenda make the requirements consistent with current plans and policies of the Board.

|   |  |
|---|--|
| a | <p><b>Riviera West Mutual Water Company (Discharger) owns and operates the Riviera West Water Treatment Plant (WTP) in Lake County.</b> The WTP provides treatment of lake water by coagulation, filtration, and chlorine disinfection prior to distribution as potable water for the users of the Riviera West residential subdivision.</p> <p>The WTP is an existing facility, has been in operation since the 1970's, and was previously regulated under the NPDES Order R5-2002-0130 to discharge filter backwash supernatant to Clear Lake. The Discharger currently applies supernatant to an adjacent spray field, which is not currently regulated.</p> <p>Based on the chemical character of the raw water being treated, the nature of the treatment process, and depth to groundwater; the discharge poses little threat to groundwater quality. Technology for water treatment is based on drinking water standards. Approximately 0.77 net acres of land application area is available for the application of supernatant by sprinkler irrigation. A tailwater system will be installed to prevent the discharge of supernatant/ stormwater mixtures to surface water.</p> <p>The WDRs establishes discharge specifications, land application requirements, and monitoring requirements to assure protection of the beneficial uses of groundwater. The WDRs allow a monthly average dry weather flow not to exceed 15,000 gpd during the months of May through September and a monthly average wet weather flow not to exceed 7,000 gpd during the months of October through April. In addition, the release of waste constituents from the discharge to the land application area shall not cause current groundwater quality to be degraded.</p> |
| b | <p><b>UNION PACIFIC RAILROAD COMPANY, ROSEVILLE YARD, CLASS II SURFACE IMPOUNDMENT, Placer County</b></p> <p>Union Pacific Railroad Company (Discharger) submitted a Report of Waste Discharge for revision of waste discharge requirements for the industrial wastewater ponds at the Roseville Yard in Roseville. The ROWD was submitted pursuant to a Central Valley Water Board staff request for a ROWD meeting the requirements of Title 27, California Code of Regulations due to sampling data that indicated the wastewater is a designated waste. The Discharger discharges industrial waste water and storm water runoff generated from approximately 12 acres of the Roseville Yard where various activities are conducted including locomotive and equipment maintenance. Industrial wastewater and storm water from these areas is routed to a pretreatment facility prior to discharge to the sanitary sewer and contain contaminants including</p>   |

|   |   |
|---|---|
|   | diesel fuel, oil, and grease prior to treatment. The pretreatment facility includes a double lined surface impoundment for storage of excess wastewater and storm water runoff prior to treatment. The proposed WDRs will regulate the surface impoundment as a Class II waste management unit under Title 27. (WLB)  |
| c | <p><b>HOMESTAKE MINING COMPANY, REVISED WASTE DISCHARGE REQUIREMENTS FOR CLOSURE AND POST-CLOSURE MAINTENANCE OF MCLAUGHLIN MINE, LAKE, NAPA AND YOLO COUNTIES</b></p> <p>Homestake Mining Company's McLaughlin Mine is a former gold mine in Lake, Napa and Yolo Counties. The mine is undergoing final closure, when closed the mine will maintain five Group B mining waste management units on 1,200 acres, including two mine pit lakes, two waste rock facilities and a tailings impoundment facility (TIF). The mine pit lakes will require active management to control water levels and the tailings impoundment facility will require up to ten years to achieve final closure. The proposed Order prescribes final closure requirements for the TIF; and post-closure maintenance requirements for the TIF, the mine pit lakes and the waste rock facilities. (RDA)</p>  |
| d | <p><b>COUNTY OF KERN, WASTE DISCHARGE REQUIREMENTS FOR OPERATION AND CONSTRUCTION, SHAFTER-WASCO SANITARY LANDFILL (REVISED), KERN COUNTY</b></p> <p>The County of Kern owns and operates a municipal solid waste landfill approximately seven miles west of the City of Shafter. The facility is currently regulated by Waste Discharge Requirements Order 5-2002-0179. The waste management facility contains one waste management unit comprised of the following: 1) a 48-acre unlined waste management module; 2) a 22-acre composite-lined waste management module adjacent to the southern edge of the unlined unit; and 3) an 18-acre composite-lined waste management module adjacent to the eastern edge of the previously described module. This order revises the existing Waste Discharge Requirements to initiate a corrective action program, provide for acceptance of treated wood waste, and expansion of the waste management unit through construction of new waste management cells with an engineered alternative composite liner system.</p> |

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

February 2, 2012

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670